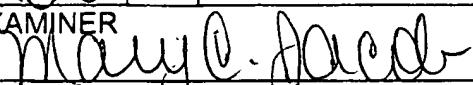
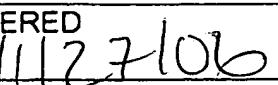


FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: MAS-FIN-101 Appl. No.: Applicant: GUNTHER REISSIG Filing Date: November 26, 2003 Group Art Unit:																																																																																			
<table border="1"> <thead> <tr> <th>EXAMINER INITIALS</th> <th></th> <th>PATENT NO.</th> <th>DATE</th> <th>PATENTEE</th> <th>CLASS</th> <th>SUB CLASS</th> <th>FILING DATE</th> </tr> </thead> <tbody> <tr> <td>MCJ</td> <td>A</td> <td>6,230,101 B1</td> <td>5/8/01</td> <td>Wallis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MCJ</td> <td>B</td> <td>6,192,328 B1</td> <td>2/20/01</td> <td>Kahlert et al.</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>C</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>D</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>E</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>F</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>G</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>H</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>I</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE	MCJ	A	6,230,101 B1	5/8/01	Wallis				MCJ	B	6,192,328 B1	2/20/01	Kahlert et al.					C								D								E								F								G								H								I						
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE																																																																																
MCJ	A	6,230,101 B1	5/8/01	Wallis																																																																																			
MCJ	B	6,192,328 B1	2/20/01	Kahlert et al.																																																																																			
	C																																																																																						
	D																																																																																						
	E																																																																																						
	F																																																																																						
	G																																																																																						
	H																																																																																						
	I																																																																																						
FOREIGN PATENT DOCUMENT																																																																																							
<table border="1"> <thead> <tr> <th></th> <th></th> <th>DOCUMENT NO.</th> <th>DATE</th> <th>COUNTRY</th> <th>CLASS</th> <th>SUB CLASS</th> <th>TRANSL. YES NO</th> </tr> </thead> <tbody> <tr> <td>MCJ</td> <td>J</td> <td>09044473 A</td> <td>2/14/97</td> <td>Japan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MCJ</td> <td>K</td> <td>01307868 A</td> <td>12/12/89</td> <td>Japan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MCJ</td> <td>L</td> <td>99/48030</td> <td>9/23/99</td> <td>WIPO</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>M</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>N</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO	MCJ	J	09044473 A	2/14/97	Japan				MCJ	K	01307868 A	12/12/89	Japan				MCJ	L	99/48030	9/23/99	WIPO					M								N																																						
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO																																																																																
MCJ	J	09044473 A	2/14/97	Japan																																																																																			
MCJ	K	01307868 A	12/12/89	Japan																																																																																			
MCJ	L	99/48030	9/23/99	WIPO																																																																																			
	M																																																																																						
	N																																																																																						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)																																																																																							
<table border="1"> <tbody> <tr> <td>MCJ</td> <td></td> <td colspan="6">Chowdry, S. et al.: "Automatic Structure Analysis of Large Scale Differential Algebraic Systems", IEEE, 2001, pp. 798-803</td> </tr> <tr> <td>MCJ</td> <td></td> <td colspan="6">Unger, J. et al.: Structural Analysis of Differential-Algebraic Equation Systems- Theory and Applications", Computers chem.Engng., 1995, pp. 867-882</td> </tr> </tbody> </table>								MCJ		Chowdry, S. et al.: "Automatic Structure Analysis of Large Scale Differential Algebraic Systems", IEEE, 2001, pp. 798-803						MCJ		Unger, J. et al.: Structural Analysis of Differential-Algebraic Equation Systems- Theory and Applications", Computers chem.Engng., 1995, pp. 867-882																																																																					
MCJ		Chowdry, S. et al.: "Automatic Structure Analysis of Large Scale Differential Algebraic Systems", IEEE, 2001, pp. 798-803																																																																																					
MCJ		Unger, J. et al.: Structural Analysis of Differential-Algebraic Equation Systems- Theory and Applications", Computers chem.Engng., 1995, pp. 867-882																																																																																					
EXAMINER 				DATE CONSIDERED 																																																																																			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.																																																																																							

FORM PTO-1449 (SUBSTITUTE)		Attorney Docket No.: MAS-FIN-101 Appl. No.: _____	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Applicant: GUNTHER REISSIG	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))		Filing Date: November 26, 2003 Group Art Unit:	

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

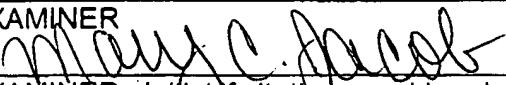
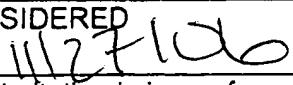
FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MCJ</i>	Reissig, G. et al.: "Differential-Algebraic Equations of Index 1 May Have an Arbitrarily High Structural Index", SIAM J. SCI. COMPUT., Vol. 21, No. 6, 2000, pp. 1987-1990
<i>MCJ</i>	Lawler, E.: "Combinatorial Optimization, Networks and Matroids", Dover Publications, Inc., 1976, front page, iii, and pp. 192-195

EXAMINER <i>Maura J. Basel</i>	DATE CONSIDERED <i>11/27/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: MAS-FIN-101 Appl. No.: _____ Applicant: GUNTHER REISSIG Filing Date: November 26, 2003 Group Art Unit:																																																																																			
<table border="1"> <thead> <tr> <th>EXAMINER INITIALS</th> <th></th> <th>PATENT NO.</th> <th>DATE</th> <th>PATENTEE</th> <th>CLASS</th> <th>SUB CLASS</th> <th>FILING DATE</th> </tr> </thead> <tbody> <tr><td></td><td>A</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>B</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>C</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>D</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>E</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>F</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>G</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>I</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>								EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE		A								B								C								D								E								F								G								H								I						
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE																																																																																
	A																																																																																						
	B																																																																																						
	C																																																																																						
	D																																																																																						
	E																																																																																						
	F																																																																																						
	G																																																																																						
	H																																																																																						
	I																																																																																						
FOREIGN PATENT DOCUMENT																																																																																							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO																																																																																
	J																																																																																						
	K																																																																																						
	L																																																																																						
	M																																																																																						
	N																																																																																						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)																																																																																							
<i>MCJ</i>		Duff, I. S. et al.: "On Algorithms for Obtaining a Maximum Transversal", ACM Transactions on Mathematical Software, Vol. 7, No. 3, September 1981, pp. 315-330																																																																																					
<i>MCJ</i>		Pantelides, C. C.: "The Consistent Initialization of Differential-Algebraic Systems", SIAM. J. SCI. STAT. COMPUT., Vol. 9, No. 2, March 1988, pp. 213-231;																																																																																					
EXAMINER 				DATE CONSIDERED 																																																																																			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.																																																																																							

FORM PTO-1449 (SUBSTITUTE)		Attorney Docket No.: MAS-FIN-101	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Appl. No.: _____	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))		Applicant: GUNTHER REISSIG	
		Filing Date: November 26, 2003	
		Group Art Unit: _____	

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	Schultz: "Programm-Dokumentation TITAN-02, Topologie-Test und Row-Swapping Programm-Modul TOPCHK" [Program Documentation TITAN-02, Topology Test and Row Swapping Program Module TOPCHK], Siemens AG ZTI DES 251, July 1988, front page, I, and pp. 1-15
	Röbenack, K. et al.: "Sukzessive Index-Reduktion elektrischer Netzwerke mit Hilfe einer minimalen Anzahl von Zusatzelementen" [Gradual Index Reduction of Electrical Networks with Support of a Minimal Amount of Additional Elements], Gens, W. (ed.), 43 rd International Scientific Colloquium, Technical University of Ilmenau, Vol. 3, September 21-24, 1998, pp. 192-197
EXAMINER	DATE CONSIDERED
<i>Maur. C. DeCol</i>	<i>11/27/03</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (SUBSTITUTE)		Attorney Docket No.: MAS-FIN-101 Appl. No.: _____					
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Applicant: GUNTHER REISSIG					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))		Filing Date: November 26, 2003 Group Art Unit:					
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>MCJ</i>		Reißig, G.: "Extension of the Normal Tree Method", International Journal of Circuit Theory and Applications, Vol. 27, Revised Version, 1999, pp. 241-266					
		Feldmann, U. et al.: "Lösbarkeitstest mit Hilfe eines gesonderten Gleichungssystems" [Solubility Test with Help of a Separated System of Equations], Infineon Technologies, MP PTS, January 13, 2000, pp. 1-4					
EXAMINER	<i>Mary C. Jacob</i>			DATE CONSIDERED <i>11/27/06</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (SUBSTITUTE)		Attorney Docket No.: MAS-FIN-101 Appl. No.: _____	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Applicant: GUNTHER REISSIG	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))		Filing Date: November 26, 2003 Group Art Unit:	

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MCJ</i>		Christen, E. et al.: "Analog and Mixed-Signal Modeling Using the VHDL-AMS Language", 36 th Design Automation Conference, VHDL-AMS Tutorial, June 21-25, 1999, pp. 1-198

EXAMINER <i>May C. Jacob</i>	DATE CONSIDERED <i>11/27/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	